Attorney's Docket No.: 17170-002002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gerardo Castillo et al.

Art Unit : 1614

Serial No.: 10/762,444

Examiner: Unknown

Filed

: January 21, 2004

Title

: POLYHYDROXYLATED AROMATIC COMPOUNDS FOR THE

TREATMENT OF AMYLODOSIS AND ALPHA-SYNUCLEIN FIBRIL

DISEASES

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith are an Information Disclosure Statement and Forms PTO-1449 (3) pages and cited references for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:

X The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to

Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted

Dale L. Rieger

Reg. No. 43,045

Attorney Docket No. 17170-002002 Address all correspondence to:

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Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 C.F.R. 1.97-1.98

Dear Sir:

Because this Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a filing fee is not enclosed. If a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Forms PTO-1449 (3 pages) and hard copies of the references are provided herewith in connection with the above-captioned application.

The documents cited on the Forms PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. 1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following pending U.S applications that have one or more common inventors and/or are commonly owned:

U.S.S.N.(App. no.) Filing Date **Docket No.** 10/077,596 02/15, 2002 17170-006001

Applicant: Gerardo Castillo et al. Attorney's Docket No.: 17170-002002

Serial No.: 10/762,444 Filed: January 21, 2004

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Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references and they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Date:

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Dale L. Rieger Reg. No. 43,045

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trade nack Office	17170-002002	Application No. 10/762,444
	Iosure Statement	Applicant	
(Use several shot) (37 CFR §1.98(b))	eets if necessary) All 2	Filling Date /January 21, 2004	Group Art Unit 1614

				U.S. Pale	nt Documents			
1 -	miner itial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
	A	00/57707	10/05/00	PCT				
	В	02/062422	08/15/02	PCT				
	С	02/076381	10/03/02	PCT				
	D	99/09999	03/04/99	PCT				

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Examiner Signature Date Considered	

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)			Application No. 10/762,444	
1	closure Statement	Applicant Gerardo Castillo et al.		
(Use several sheets if necessary)		Filing Date January 21, 2004	Group Art Unit 1614	
(37 CFR §1.98(b))		January 21, 2004	1017	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	R	Hsiao et al. "Age-related CNS Disorder and early death in transgenic FVB/N mice overexpressing alsheimer amyloid precursor proteins." <i>Neuron</i> , vol. 15, 1203-1218, Nov., 1995.
	AB	Ishimaru et al, "Flavan-2-ol and Procyanidin Glycosides from Quercus Miyagii," Phytochemistry 26:1167-1170, (1987)
	AC	Jain et al. "Antiinflammatory Effects of an Ayurvedic Preparation, Brahmi Rasayan, in Rodents," Indian Journal of Experimental Biology, 32:633-636 (1994)
	AD	Jones et al, "The Condensed Tannins of Pasture Legume Species," <i>Photochemistry</i> , 15:1407-1409 (1976)
	AE	Kashiwada et al, "Tannins and Related Compounds. XCIII." Occurnce of Enantiomeric Proanthocyanidins in the Leguminosae Plants, Cassia fistula L. and C.javanica L.," Chem. Pharm. Bull. 38:888-893 (1990)
	AF	Kim et al, "Neuroprotective Constituents from Hedyotis diffusa," J. Nat. Prods. 64:75-78, (2001)
	AG	Latimer et al. "71. Inhibitors of Amyloid-β Aggregation: Dimeric Catechols Inhibit Aggregation and Deposition of Aβ," American Chemical Society 221 st National Meeting, San Diego, CA April 1-5, 2001 (MEDI 071) [posted on 03/23/01]
	AH	Levine. "Thioflavine T interacton with amyloid B-sheet structures. "Amyloid: Int. J. Exp. Clin. Invest. 2:1-6, (1995)
	AI	Lorenzo et al, "Pancreatic islet cell toxicity of amylin associated with type-2 diabetes mellitus," Nature 368:756-760, (1994)
	AJ	Matthews et al, "Method for estimation of Proanthocyanidins based on their acid depolymerization in the presence of nucleophiles," <i>J. Agric. Food Chem.</i> 45:1195-1201, (1997)
	AK	Mattice et al, "Molecular weight averages and ¹³ C NMR intensities provide evidence for branching in proanthocyanidin polymers," <i>Phytochem.</i> 23(6):1309-1311, (1984)
	AL	Morimoto et al, "Tannins and Related Compounds. LXI." Isolation and Structure of Novel Bi- and Triflavanoids from the leaves of Cassia fistula L.," Chem. Pharma. Bull. 36:39-47, (1988)
	AM	Nonaka et al, "Tannins and Related Compound. XV. ¹) A New Class of Dimeric Flavan-3-ol Gallates, Theasinensins A and B, and Proanthocyanidin Gallates from Green Tea Leaf. (1)," <i>Chem. Pharm. Bull.</i> 31:3906-3914, (1983)
	AN	Patent Abstracts of Japan citing Japanese Patent 10-245342 published September 14, 1998, "Agent for reducing neural toxicity of beta-amyoloid protein"
	AO	Porter et al, "Isolation of three naturally occurring O-β-glucopyranodsides of procyanidin polymers," <i>Phytochemistry</i> 24:567-569, (1985)
	AP	Porter, L.J, "Flavans and proanthocyanidins," Chapter 2 in Flavans and proanthocyanidins Advances in Research since 1986, J B Harborne (Ed.) London: Chapman and Hall pp. 23-55, 1994
	AQ	Porter, J.J, "Flavans and proanthocyanidins," Chapter 2 in <i>The FlavanoidsAdvances in Research since 1980</i> , J B Harborne (Ed.), London: Chapman and Hall, pp. 21-62, 1988
	AR	Prieur et al, "Oligomeric and polymeric procyanidins from grape seeds," <i>Phyochem.</i> 36:781-784, 1994
	AS	Sang et al, "Iridoid Glycosides from the leaves of <i>Morinda citrifolia</i> ,": <i>J. Nat. Prod.</i> 64:799-800 (2001)
	AT	Santos-Buelga, C. and A. Scalbert, "Proanthocyanidins and tannin-like compounds – nature, occurrence, dietry intake and effects on nutrition and health," <i>J. Sci Food Agri.</i> 80: 1094-1117, (2000)

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	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	ID	Document			
	AU	Snow. "Proteoplycans in the pathogenesis of alzheimer's disease and other amyloidoses." Neurobiology of Aging, 10:481-497, (1989)			
	AV	Stappenbeck et al., "80. Inhibitors of Amyloid-β Aggregation: Histidine Residues in Aβ Play a Crucial Role in Aggregation," American Chemical Society 221 st National Meeting, San Diego, CA April 1-5, 2001 (MEDI 080) [posted on 03/23/01]			
	AW	Steinberg. "Uncaria Tomentosa (cat's Claw) A wondrous herb from the peruvian rain forest." Townsend Letter for Doctors-pp, 442-443, may 1994.			
	AX	Sugita-Konishi et al., "Epigallocatechin gallate and gallocatechin gallate in green tea catechins inhibit extracellular release of Vero toxin from enterohemorrhagic <i>Escherichia coli</i> O157:H7," <i>Biochimica et Biophysica Acta</i> 1472:42-50 (1999)			
	AY	Tamaoka et al. "Amyloid B protein 1-42/43(AB 1-42/43) in crebellar diffuse plaques: enzymelinked immunosorbent assay and immunocytochemical study." <i>Brain Research</i> 67:151-156 (1995)			
	AZ	Tamaoka et al. "Biochemical evedence for the long tail form of amyloid B protein as a seed molecule in cerebral deposits of alzheimer's disease." Biochemical and biophysical research communications, 205(1): 834-842, (1994)			
	BA	Thompson et al, "Plant Proanthocyanidins. Part 1. Introduction; the Isolation, Structure, and Distribution in Nature of Plant Procyanidins," J. Chem. Soc. Perkins Trans. 1: 1387-1399 (1972)			
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	ВС	Wirth et al. "Pharmacologically active procyanidines from the bark of Uncaria tomentosa." Phytomedicine, vol. 4 (3), pp. 265-266, 1997.			
	BD	Zhang et al, "Potentillanin, A Biflavanoid and a procyanidin glycoside from potentilla viscosa," Phytochemistry 27:3277-3280, (1988)			

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